

ABSTRACT OF THE DISCLOSURE

A cable duct coupler for coupling a first cable duct section to a second cable duct section without the need for tools, the first and second cable duct sections each having an end, the cable duct coupler comprising a channel portion having a first portion generally complementary to the end of the first cable duct section and a second portion generally complementary to the end of the second cable duct section, a first outer guide element generally complementary to the end of the first cable duct section and a second outer guide element generally complementary to the end of the second cable duct section, wherein the end of the first cable duct section is receivable into the coupler between the first portion of the channel portion and the first outer guide element and the end of the second cable duct section is receivable into the coupler between the second portion of the channel portion and the second outer guide element, a barb mount extending from at least one of the channel portion and the outer guide elements, and a barb having a body and first and second arms extending from the body, the barb being mounted on the barb mount, wherein at least a portion of the first arm extends at an angle between the first portion of the channel portion and the barb body and at least a portion of the second arm extends at an angle between the second portion of the channel portion and the barb body, wherein upon insertion of the end of the first cable duct section into the coupler between the first portion of the channel portion and the first outer guide element, the first arm of the barb engages the first cable duct section to significantly resist withdrawal of the first cable duct section, and wherein upon insertion of the end of the second cable duct section into the coupler between the second portion of the channel portion and the second outer guide element, the second arm of the barb engages the second cable duct section to significantly resist withdrawal of the second cable duct section.